

Abbreviated Curriculum Vitae for John W. White

August 2001

Work @ Lawrence Livermore National Lab: start at current job & go back to 1966
Full-time employment began in February 1966 and retired June 2001 (now occasional consulting)

5 years Z Division: Foreign nuclear weapon capability assessments

6.5 years Earth Sciences: Ocean & earth material models and numerics, treaty support and nuclear non-proliferation activities, sonoluminescence, science education

3 years D-Division: Submarine systems analysis, nuclear weapon effects, war games

10 years B Division: Supersafe designs, equation of state R&D, nuclear weapon effects, new hire mentor, first principles device analysis, treaty preparations, fissile material study

5.5 years A Division: Superclean plowshare explosive, stockpile contributions, science education, thermonuclear fusion and artificial viscosity (Q)

3 years K Division: *Cratering:* scaling laws, theory and computer models; plus elastic Q

3 years B Division: fast reactor design, advanced concepts, stockpile crisis resolution

0.5 years E Division: Detector design in nuclear physics R&D (while waiting for clearance)

Academic History

Bryan High School: Bryan OH 43506 (College prep 1958)

Rensselaer Polytechnic Institute: Troy NY 12180 (BS physics 1962)

University of Cincinnati: Cincinnati OH (1 yr grad school in nuclear engineering 62-63)

NC State: Raleigh NC, PO Box 7103, 27695 (MS physics 1965)

UC Davis: Davis CA 95616 (PhD applied science 1973)

Primary Interests: Broadly interdisciplinary advanced development problem solving in the area of national security; and science education (particularly with society at large) leading to science literacy

Special LLNL Support Activities: public relations activities with the physics of baseball, summer mentor for high school teachers, member of the LLNL continuing education committee and member of the LLNL employee development committee,

Extra-Curricular Interests: Baseball and softball: coaching plus R&D for bat design and batting mechanics (media interviews plus publications: book, video, articles etc.)